

ASSIGNMENT

WHEREAS, We, Ramesh Jain, a United States citizen, residing at 4715 Reedley Terrace, San Diego, California 92130, Charles Fuller, a United States citizen, residing at 836 Wharfside Road, San Mateo, California 94404, Mojgan Monika Gorkani, a United States citizen, residing at 60 Parkridge Drive, #1, San Francisco, California 94131, Bradley Horowitz, a United States citizen, residing at 7 Seville Way, #3, San Mateo, California 94402, Richard D. Humphrey, a United States citizen, residing at 2110 Admiralty Lane, Foster City, California 94404, Michael J. Portuesi, a United States citizen, residing at 400 Mississippi Street, San Francisco, California 94107, and Chiao-fe Shu, a Taiwanese citizen, residing at 302 37th Avenue, San Mateo, California 94403, have invented certain new and useful improvements in a VIDEO CATALOGER SYSTEM WITH SYNCHRONIZED ENCODERS for which we have executed an application for Letters Patent in the United States, assigned Serial No. 09/134,497, and filed August 14, 1998;

AND WHEREAS, Virage, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 177 Bovet Road, Suite 520, San Mateo, California 94402, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17th day of Sept 1998

Ramesh Jain
Ramesh Jain

STATE OF CALIFORNIA
COUNTY OF SAN MATEO } ss.

On SEPT 17, 1998 before me, CAROL L. ROLAND personally appeared Ramesh Jain personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland
Notary Signature

(continued on page 2)

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of October 1998

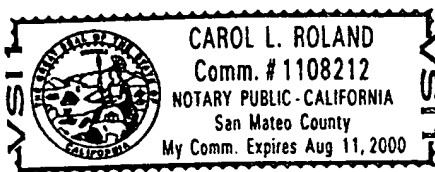
Charles Fuller
Charles Fuller

STATE OF CALIFORNIA]
COUNTY OF SAN MATEO] ss.

On Oct 2, 1998, before me, CAROL L. ROLAND personally appeared Charles Fuller personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of October 1998

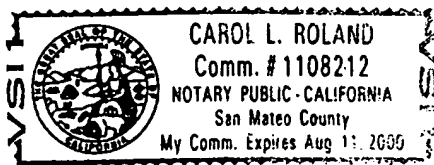
Mojgan Monika Gorkani
Mojgan Monika Gorkani

STATE OF CALIFORNIA]
COUNTY OF SAN MATEO] ss.

On Oct. 5, 1998, before me, CAROL L. ROLAND personally appeared Mojgan Monika Gorkani personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of October, 1998.

Bradley Horowitz
Bradley Horowitz

STATE OF CALIFORNIA
COUNTY OF SAN MATEO] ss.

On Oct. 2, 1998, before me, Carol L. Roland, personally appeared Bradley Horowitz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of October, 1998.

Richard D. Humphrey
Richard D. Humphrey

STATE OF CALIFORNIA
COUNTY OF SAN MATEO] ss.

On Oct 2, 1998, before me, Carol L. Roland, personally appeared Richard D. Humphrey personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Roland
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of October 1998

Michael J. Portuesi
Michael J. Portuesi

STATE OF CALIFORNIA]
COUNTY OF SAN MATEO] ss.

On Oct 2, 1998, before me, Carol L. Roland personally appeared Michael J. Portuesi personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Carol L. Roland
Notary Signature



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of Oct. 1998

Chiao-fe Shu
Chiao-fe Shu

STATE OF CALIFORNIA]
COUNTY OF SAN MATEO] ss.

On Oct 2, 1998, before me, Carol L. Roland personally appeared Chiao-fe Shu personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Carol L. Roland
Notary Signature

